

Species	1			5			10		14	References					
<i>Vipera aspis</i>	Q	G	W	P	G	P	K	V	P	P	[216]				
<i>Gloydius blomhoffii</i>	Q	G	L	P	P	R	P	K	I	P	P	[215, 217]			
<i>Gloydius blomhoffii</i>	Q	G	L	P	P	G	P	P	I	P	P	[215, 217]			
<i>Gloydius blomhoffii</i>	Q	K	W	D	P	P	P	V	S	P	P	[215, 217]			
<i>Gloydius blomhoffii</i>	Q	G	R	P	P	G	P	P	I	P		[81]			
<i>Gloydius blomhoffii</i>	Q	G	R	P	P	G	P	P	I	P	R	[191, 217]			
<i>Gloydius blomhoffii</i>	Q	G	L	P	P	G	P	P	I	P	R	[217]			
<i>Gloydius halys</i>	Q	G	R	P	P	G	P	P	I	P	P	[82]			
<i>Protobothrops flavoviridis</i>	Q	G	R	P	R	S	E	V	P	P		[78]			
<i>Protobothrops flavoviridis</i>	Q	S	K	P	G	R	S	P	P	I	S	P	[78, present study]		
<i>Protobothrops gramineus</i>	Q	E	K	P	G	R	S	P	P	I	S	P	[78]		
<i>Bothrops alternatus</i>	Q	W	P	D	P	S	S	D	I	P	P		[221]		
<i>Bothrops insularis</i>	Q	W	G	Q	H	P	N	I	P	P			[79]		
<i>Bothrops insularis</i>	Q	N	W	P	H	P	Q	I	P	P			[79, 221]		
<i>Bothrops insularis</i>	Q	L	G	P	P	P	R	P	Q	I	P	P	[221]		
<i>Bothrops insularis</i>	Q	L	G	P	P	R	P	Q	I	P	P		[79]		
<i>Bothrops insularis</i>	Q	G	G	W	P	R	P	G	P	E	I	P	P	[79, 221]	
<i>Bothrops insularis</i>	Q	G	G	P	P	R	P	Q	I	P	P		[79]		
<i>Bothrops insularis</i>	Q	Q	K										[79]		
<i>Bothrops insularis</i>	Q	K	W										[79]		
<i>Bothrops insularis</i>	Q	K	W	A	P								[79]		
<i>Bothrops jararaca</i>	Q	K	W	A	P								[80, 83, 213, 217]		
<i>Bothrops jararaca</i>	Q	W	P	R	P								[80]		
<i>Bothrops jararaca</i>	Q	S	W	P	G	P							[80, 213]		
<i>Bothrops jararaca</i>	Q	D	G	P	I	P	P						[80]		
<i>Bothrops jararaca</i>	Q	W	P	R	P	T	P	Q	I	P	P		[80, 218]		
<i>Bothrops jararaca</i>	Q	W	P	R	P	Q	I	P	P				[80, 213, 218]		
<i>Bothrops jararaca</i>	Q	N	W	P	R	P	Q	I	P	P			[80, 218, 221]		
<i>Bothrops jararaca</i>	Q	N	W	P	H	P	Q	I	P	P			[80, 217, 218]		
<i>Bothrops jararaca</i>	Q	S	W	P	G	P	N	I	P	P			[80, 213, 217, 218]		
<i>Bothrops jararaca</i>	Q	G	G	W	P	R	P	G	P	E	I	P	P	[80, 213, 217, 218]	
<i>Bothrops jararaca</i>	Q	G	G	L	P	R	P	G	P	E	I	P	P	[80, 213]	
<i>Bothrops jararaca</i>	Q	W	A	Q	W	P	R	P	T	P	Q	I	P	P	[80]
<i>Bothrops jararaca</i>	Q	G	R	A	P	G	P	P	I	P	P			[80, 217]	
<i>Bothrops jararaca</i>	Q	G	R	A	P	H	P	P	I	P	P			[80, 217]	
<i>Bothrops jararaca</i>	Q	G	W	A	W	P	R	P	Q	I	P	P		[80, 83]	
<i>Bothrops jararaca</i>	Q	G	R	P	P	G	P	P	I	P	P			[80]	
<i>Bothrops jararaca</i>	Q	G	G	A	G	W	P	P	I	P	P			[221]	
<i>Bothrops jararaca</i>	Q	W	G	R	P	P	G	P	P	I	P	P		[80]	
<i>Bothrops jararaca</i>	Q	W	A	Q	W	P	R	P	Q	I	P	P		[80]	
<i>Bothrops jararacussu</i>	Q	G	R	P	P	G	P	P	I	P	P			[221]	
<i>Bothrops jararacussu</i>	Q	A	R	P	P	H	P	P	I	P	P			[80,221]	
<i>Bothrops jararacussu</i>	Q	N	W	P	H	P	Q	I	P	P				[221]	
<i>Bothrops jararacussu</i>	Q	G	G	W	P	R	P	G	P	E	I	P	P	[221]	
<i>Bothrops neuwiedi</i>	Q	G	G	W	P	R	P	G	P	E	I	P	P	[212, 221]	
<i>Bothrops neuwiedi</i>	Q	W	P	R	P	T	P	Q	I	P	P			[221]	
<i>Bothrops neuwiedi</i>	Q	W	P	R	P	Q	I	P	P					[221]	
<i>Agkistrodon piscivorus piscivorus</i>	Q	L	W	P	R	P	H	I	P	P				[211]	
<i>Agkistrodon bilineatus</i>			T	P	P	A	G	P	D	V	G	P	R	[222]	
<i>Lachesis muta</i>				W	P	P	R	P	Q	I	P	P		[220]	
<i>Lachesis muta</i>	Q	K	P	W	P	P	G	H	H	I	P	P		[220]	
<i>Lachesis muta</i>	Q	E	W	P	P	G	H	H	I	P	P			[220]	
<i>Lachesis muta</i>	Q	K	K	W	P	P	G	H	H	I	P	P		[220]	
<i>Lachesis muta</i>	Q	K	W	D	P	P	P	I	S	P	P			[220]	
<i>Lachesis muta</i>			T	P	P	A	G	P	D	V	G	P	R	[222]	
<i>Crotalus adamanteus</i>	Q	G	G	W	P	R	N	P	I	P	P			[221]	
<i>Crotalus adamanteus</i>	Q	Q	W	P	P	G	H	H	I	P	P			[221]	
<i>Crotalus atrox</i>	Q	L	W	P	R	P	Q	I	P	P				[219]	
<i>Crotalus viridis viridis</i>	Q	S	A	P	G	N	E	A	I	P	P			[221]	
<i>Crotalus viridis viridis</i>	Q	G	G	A	P	W	N	P	I	P	P			[221]	
<i>Crotalus viridis viridis</i>	Q	G	P	S	P	R	H	P	I	P	P			[221]	
<i>Crotalus viridis viridis</i>	Q	N	M	E	A									Aird and Kaiser (1986, unpublished)	
<i>Crotalus viridis viridis</i>	Q	L	W	P	R	P	H	V	P					Aird and Kaiser (1986, unpublished)	
<i>Crotalus viridis viridis</i>	Q	G	W	P	P	G	H	H	I	P				Aird and Kaiser (1986, unpublished)	
<i>Crotalus viridis viridis</i>			T	P	P	A	G	P	D	V	G	P	R	Aird and Kaiser (1986, unpublished), 214]	
<i>Crotalus durissus collilineatus</i>			T	P	P	A	G	P	D	G	G	P	R	Higuchi et al. (2003, unpublished)	
<i>Crotalus durissus collilineatus</i>	Q	R	W	P	H	L	E	I	P	P				Higuchi et al. (2003, unpublished)	
<i>Crotalus durissus collilineatus</i>	H	R	W	P	H	P	E	I	P	P				Higuchi et al. (2003, unpublished)	
<i>Crotalus durissus collilineatus</i>	Q	N	W	K	S	P								Higuchi et al. (2003, unpublished)	
<i>Crotalus durissus terrificus</i>	Q	R	W	P	H	L	E	I	P	P				[221]	